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PTO/SB/21 (02-04)

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|------------------------------------------|----|------------------------|---------------------|
| | | Application Number | 10/603,704 |
| | | Filing Date | June 25, 2003 |
| | | First Named Inventor | Hagle et al. |
| | | Art Unit | 3726 |
| | | Examiner Name | N/A |
| Total Number of Pages in This Submission | 21 | Attorney Docket Number | 123260 (21635-0088) |

ENCLOSURES (check all that apply)

| | | |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Group |
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| <input type="checkbox"/> Certified Copy of Priority Document(s) | | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---------------------------------------------------|
| Firm or Individual name | McNees Wallace & Nurick LLC Carmen Santa Maria |
| Signature | |
| Date | December 30, 2004 |

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| Typed or printed name | Kathy A. Sauter |
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| Date | December 30, 2004 |

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Application No.: 10/603,704
Att. Docket No. 123260 (21635-0088)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hagle et al. Group Art Unit: 3726
Application No.: 10/603,704 Examiner: N/A
Filed: 06-25-2003) Atty. Docket No. 123260 (21635-0088)
)

For: METHOD FOR IMPROVING THE WEAR RESISTANCE OF A SUPPORT
REGION BETWEEN A TURBINE OUTER CASE AND A SUPPORTED
TURBINE VANE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

SIR:

The following are included with this Information Disclosure Statement:

- A. PTO/SB/08**
- B. CERTIFICATION**
(37 C.F.R. 1.97(c)-before final Office Action or allowance)
- C. \$180.00 FEE PAYMENT**
(37 C.F.R. 1.97(c)-before final Office Action or allowance)
- D. \$180.00 PETITION, CERTIFICATION & PETITION FEE PAYMENT**
(37 C.F.R. 1.97(d)-before issue fee payment)

The following are submitted in the above-identified application in compliance with 37 CFR 1.98:

- I.** A copy of each listed U.S. Patent and U.S. Patent application publication [1.98(a)(2)(i)].
- II.** A copy of each listed foreign patent and/or published foreign patent application. For each listed foreign patent and/or published foreign patent application [1.98(a)(2)]:

- a) the English language version or an English translation if not published in English, if available (see PTO-1449)[1.98(a)(3)]; and/or
 - b) U.S. counterpart patents or English language equivalents of the foreign patents or published foreign patent applications (see PTO-1449); and/or
 - c) a concise explanation of the relevance of the listed patents, publications or other information (see PTO-1449, foreign search report or other, attached), as it is presently understood by the person signing this disclosure, since no English translation is currently available[1.98(a)(3)].
- III. A copy of each listed publication, other than published foreign applications. For each listed publication [1.98(a)(2)]:
- (a) an English translation, if available, when the original publication is not in the English language (see PTO-1449)[1.98(a)(3)];
 - (b) a concise explanation of the listed publications (see PTO-1449), as it is presently understood by the person signing this disclosure, since no English translation is currently available [1.98(a)(3)].
- IV. For any other listed information, a copy of the information or that portion which caused it to be listed (see PTO-1449)[1.98(a)(2)(iii)].
- V. Each listed U.S. Patent, Publication or other information that was previously cited by or submitted to the Office in a prior application, which application is relied upon for an earlier filing date under 35 U.S.C. § 120 [1.98(d)].
- VI. Copies of each listed U.S. Patent and U.S. Patent application publication are not being submitted herewith pursuant to a waiver of 37 CFR 1.98(a)(2)(i) by the USPTO on July 11, 2003 for applications filed after June 30, 2003.

This information is submitted in the above-identified application in compliance with 37 C.F.R.1.97 because:

- 1. This information disclosure is submitted within three months of the filing date of the application, or before the mailing date of the first office action on the merits of the application [1.97(b)].
- 2. This information disclosure is submitted before the mailing date of a final action in this application under 1.113[1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).

- 3. This information disclosure is submitted before the mailing date of a notice of allowance under 1.311 [1.97(c)] and the requisite statement or fee is provided (see items 6 or 7 below).
- 4. This information disclosure is submitted after the mailing date of a final action under 1.113 [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- 5. This information disclosure is submitted after the mailing date of a notice of allowance under 1.311, but before the payment of the issue fee [1.97(d)] and the requisite statement and fee is provided (see items 6 and 8 below).
- 6. This information disclosure statement is submitted with the statement required for items 2, 3, 4 or 5 above [1.97(c), (d), (e)]:
- I, Carmen Santa Maria, hereby state the following:
 - Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
 - No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this information disclosure was known to any individual designated in 1.56(c) more than three months prior to the filing of this information disclosure statement.
- 7. This information disclosure statement is submitted with the fee of \$180 set forth in 1.17(p) [see items 2 and 3 above]. Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059. (Please note, no fee is required for items 2 and 3 above if the Item 6 statement is provided).

8. Please charge this fee and any other fees associated with this application to Deposit Account No. 50-1059.

Respectfully submitted,

Dated: December 30, 2004

McNees Wallace & Nurick LLC


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~~Substitute for form 1449A/PTO~~

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

| Complete if Known | |
|------------------------|---------------------|
| Application Number | 10/603,704 |
| Filing Date | 06-25-2003 |
| First Named Inventor | Hagle et al. |
| Art Unit | 3726 |
| Examiner Name | N/A |
| Attorney Docket Number | 123260 (21635-0088) |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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⁴EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ⁵Applicant's unique citation designation number (optional). ⁶See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08
Cited References (1)
European Search Report/PCT International Search Report (3 pages)

Attorney Docket No.: 123260 (21635-0088)
Application No.: 10/603,704
Filed: June 25, 2003

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